



Sheet 1 of 9

Form PTO-1449 ModifiedList of Patent and Publications
Cited by Applicant
(Use several sheets if necessary)U.S. Department of Commerce
Patent and Trademark OfficeDocket No.
CRNT-0014Serial No.
09/835,532Applicant
Paul A. KlineFiling Date
April 16, 2001Group
~~2817~~ **2636****U. S. PATENT DOCUMENTS**

Examiner Initial		Document No.	Date	Name	Class	Subclass
<i>✓</i>	1	2,298,435	10/13/42	Tunick	250 455	18 14
<i>✓</i>	2	3,445,814	05/20/69	Spalti	340	151 870.02
<i>✓</i>	3	3,605,009	09/14/71	Enge	323	293
<i>✓</i>	4	3,656,112	04/11/72	Paull	340	151 870.02
<i>✓</i>	5	3,702,460	11/07/72	Blose	340	150 310.02
<i>✓</i>	6	3,810,096	05/07/74	Kabat et al.	340	147R 310.07
<i>✓</i>	7	3,962,547	06/08/76	Pattantyus-Abraham	179 340	25R 310.06
<i>✓</i>	8	3,964,048	06/15/76	Lusk et al.	340	310.03
<i>✓</i>	9	3,973,240	08/03/76	Fong	340	151 310.06
<i>✓</i>	10	4,004,110	01/18/77	Whyte	179 340	170J 310.07
<i>✓</i>	11	4,016,429	04/05/77	Vercellotti et al.	307	149
<i>✓</i>	12	4,057,793	11/08/77	Johnson et al.	340	310.07
<i>✓</i>	13	4,060,735	11/29/77	Pascucci et al.	307	3
<i>✓</i>	14	4,188,619	02/12/80	Perkins	340	310.05
<i>✓</i>	15	4,239,940	12/16/80	Dorfman	179 340	251 310.06
<i>✓</i>	16	4,254,402	03/03/81	Perkins	340	310.07
<i>✓</i>	17	4,323,882	04/06/82	Gajjer	340	310.05
<i>✓</i>	18	4,357,598	11/02/82	Melvin, Jr.	340	310.07
<i>✓</i>	19	4,408,186	10/04/83	Howell	340	310.07
<i>✓</i>	20	4,442,492	04/10/84	Karlsson et al.	364 705	464 412
<i>✓</i>	21	4,457,014	06/26/84	Bloy	381	98
<i>✓</i>	22	4,569,045	02/04/86	Schieble et al.	370	85

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U. S. PATENT DOCUMENTS

Examiner Initial		Document No.	Date	Name	Class	Subclass
<i>✓</i>	23	4,652,855	03/1987	Weikel	340	310.02
<i>✓</i>	24	4,675,648	06/23/87	Roth et al.	340	310.07
<i>✓</i>	25	4,683,450	07/28/87	Max et al.	333	202
<i>✓</i>	26	4,686,382	08/11/87	Shuey	307	149
<i>✓</i>	27	4,697,166	09/29/87	Warnagiris et al.	340	310.03
<i>✓</i>	28	4,745,391	05/17/88	Gajjar	340	310.07
<i>✓</i>	29	4,746,897	05/24/88	Shuey	340	310.06
<i>✓</i>	30	4,766,414	08/23/88	Shuey	340	310.05
<i>✓</i>	31	4,800,363	01/24/89	Braun et al.	340	310.02
<i>✓</i>	32	4,903,006	02/02/90	Boomgaard	340	310.05
<i>✓</i>	33	4,973,940	11/27/90	Sakai et al.	340	310.02
<i>✓</i>	34	5,148,144	09/15/92	Sutterlin et al.	340	310.01
<i>✓</i>	35	5,185,591	02/09/93	Shuey	340	310.02
<i>✓</i>	36	5,257,006	10/26/93	Graham et al.	340	310.06
<i>✓</i>	37	5,301,208	04/05/94	Rhodes	375	36
<i>✓</i>	38	5,369,356	11/29/94	Kinney et al.	324	142
<i>✓</i>	39	5,406,249	04/11/95	Pettus	340	310.06
<i>✓</i>	40	5,485,040	01/16/96	Sutterlin	307	3
<i>✓</i>	41	5,497,142	03/05/96	Chaffanjon	340	310.06
<i>✓</i>	42	5,498,956	03/12/96	Kinney et al.	324	142
<i>✓</i>	43	5,559,377	09/24/96	Abraham	307	104
<i>✓</i>	44	5,579,221	11/26/96	Mun	364	188

EXAMINER*Van Tien***DATE CONSIDERED***9/24/03*

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Group
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Examiner Initial		Document No.	Date	Name	Class	Subclass
<i>W</i>	45	5,592,482	01/07/97	Abraham	348	8
<i>W</i>	46	5,616,969	04/01/97	Morava	307	91
<i>W</i>	47	5,684,450	11/04/97	Brown	340	310.02
<i>W</i>	48	5,691,691	11/25/97	Merwin et al.	340	310.02
<i>W</i>	49	5,705,974	01/06/98	Patel et al.	340	310.08
<i>W</i>	50	5,712,614	01/27/98	Patel et al.	340	310.03
<i>W</i>	51	5,726,980	03/10/98	Rickard	370	293
<i>W</i>	52	5,777,545	07/07/98	Patel et al.	341	310.06
<i>W</i>	53	5,796,607	08/18/98	Le Van Suu	364	140.01
<i>W</i>	54	5,805,053	09/08/98	Patel et al.	340	310.01
<i>W</i>	55	5,828,293	10/27/98	Rickard	340	310.04
<i>W</i>	56	5,835,005	11/10/98	Furukawa et al.	340	310.01
<i>W</i>	57	5,856,776	01/05/99	Armstrong et al.	340	310.01
<i>W</i>	58	5,870,016	02/1999	Shresthe	340	310.01
<i>W</i>	59	5,892,430	04/06/99	Wiesman et al.	340	310.01
<i>W</i>	60	5,933,071	08/03/99	Brown	340	310.01
<i>W</i>	61	5,933,073	08/03/99	Shuey	340	310.07
<i>W</i>	62	5,978,371	11/02/99	Mason, Jr. et al.	370	389
<i>W</i>	63	5,982,276	11/09/99	Stewart	340	310.01
<i>W</i>	64	6,023,106	02/08/00	Abraham	307	3
<i>W</i>	65	6,091,932	07/18/00	Langlais	455	5.1
<i>W</i>	66	6,104,707	08/15/00	Abraham	370	295

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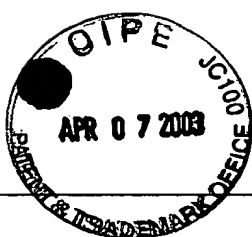
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Group
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Examiner Initial		Document No.	Date	Name	Class	Subclass
<i>m</i>	67	6,140,911	10/2000	Fisher et al.	340	310.01
<i>v</i>	68	6,144,292	11/07/00	Brown	340	310.02
<i>v</i>	69	6,151,330	11/21/00	Liberman	370	449
<i>v</i>	70	6,157,292	12/05/00	Piercy et al.	340	310.01
<i>v</i>	71	6,172,597 B1	01/09/01	Brown	340	310.02
<i>m</i>	72	6,177,849 B1	01/23/01	Barsellotti et al.	333	177
<i>v</i>	73	6,212,658 B1	04/03/01	Le Van Suu	714	749
<i>v</i>	74	6,239,722 B1	05/29/01	Colton et al.	340	870.02
<i>v</i>	75	6,297,730 B1	10/02/01	Dickinson	340	310.01
<i>v</i>	76	6,317,031 B1	11/13/01	Rickard	340	310.03
<i>v</i>	77	6,331,814 B1	12/18/01	Albano et al.	340	310.01
<i>v</i>	78	6,373,376 B1	04/16/02	Adams et al.	340	310.01
<i>v</i>	79	6,396,391 B1	05/02	Binder	340	310.01
<i>v</i>	80	6,396,392 B1	05/28/02	Abraham	340	310.01
<i>v</i>	81	6,404,773 B1	06/11/02	Williams et al.	370	463
<i>v</i>	82	6,407,987 B1	06/18/02	Abraham	370	295
<i>v</i>	83	6,414,578 B1	07/02/02	Jitaru	336	170
<i>v</i>	84	6,425,852 B1	07/30/02	Epstein et al.	600	13
<i>v</i>	85	6,441,723 B1	08/27/02	Mansfield, Jr. et al.	340	310.01
<i>v</i>	86	6,452,482 B1	09/17/02	Cern	340	310.01
<i>v</i>	87	6,480,510 B1	11/02	Binder	370	502
<i>v</i>	88	6,486,747 B1	11/26/02	DeCramer et al.	333	25

EXAMINER*Van Triem***DATE CONSIDERED***9/24/03*



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<i>qr</i>	89	6,496,104 B2	12/17/02	Kline	340	310.01
<i>n</i>	90	6,504,357 B1	01/07/03	Hemminger et al.	340	310.01
<i>n</i>	91	2001/0038329 A1	11/08/01	Diamanti et al.	340	310.01
<i>n</i>	92	2001/0038343 A1	11/08/01	Meyer et al.	340	870.02
<i>n</i>	93	2001/0052843 A1	12/20/01	Wiesman et al.	340	310.01
<i>n</i>	94	2001/0054953 A1	12/27/01	Kline	340	310.01
<i>n</i>	95	2002/0010870 A1	01/24/02	Gardner	713	300
<i>n</i>	96	2002/0014884 A1	02/07/02	Chung	324	74
<i>n</i>	97	2002/0041228 A1	04/11/02	Zhang	340	310.01
<i>n</i>	98	2002/0060624 A1	05/23/02	Zhang	340	310.01
<i>n</i>	99	2002/0071452 A1	06/13/02	Abraham	370	480
<i>n</i>	100	2002/0080010 A1	06/27/02	Zhang	340	310.06
<i>n</i>	101	2002/0095662 A1	07/18/02	Ashlock et al.	717	136
<i>n</i>	102	2002/0098867 A1	07/25/02	Meiksen et al.	455	560
<i>n</i>	103	2002/0105413 A1	08/08/02	Cern	340	310.01
<i>n</i>	104	S. N. 10/293,799	11/13/02	Huebner		
<i>n</i>	105	S.N. 10/292,745	11/12/02	Cope et al.		
<i>n</i>	106	S.N. 10/292,714	11/12/02	Cope		
<i>n</i>	107	S.N. 10/315,725	12/10/02	Cope et al.		
<i>n</i>	108	S.N. 10/319,317	12/13/02	Mollenkopf et al.		
<i>n</i>	109	Docket No. CRNT-0143	01/21/03	Cope et al.		
<i>n</i>	110	Docket No. CRNT-0144	03/10/03	Mollenkopf		

EXAMINER

Van Trien

DATE CONSIDERED

9/24/03

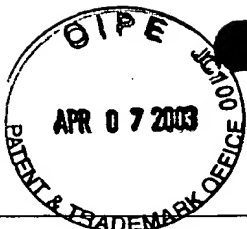


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	Applicant Paul A. Kline	
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Examiner Initial		Document No.	Date	Country	Translation	
					YES	NO
<i>W</i>	111	0 470 185 B1	11/29/95	EP		
<i>W</i>	112	0 581 351 A1	02/02/94	EP		
<i>W</i>	113	0 916 194 B1	09/26/01	EP		
<i>W</i>	114	1 011 235 A2	6/21/00	EP		
<i>W</i>	115	1 011 235 A3	05/02/02	EP		
<i>W</i>	116	1 014 640 A2	06/28/00	EP		
<i>W</i>	117	1 014 640 A3	07/03/02	EP		
<i>W</i>	118	1 021 866 B1	10/23/02	EP		
<i>W</i>	119	2 293 950 A	04/10/96	GB		
<i>W</i>	120	2 315 937 A	02/11/98	GB		
<i>W</i>	121	2 331 683 A	05/26/99	GB		
<i>W</i>	122	2 342 264 A	04/05/00	GB		
<i>W</i>	123	2 347 601 A	09/06/00	GB		
<i>W</i>	124	1276933	11/07/89	JP		
<i>W</i>	125	95/29536 A1	11/02/95	WO		
<i>W</i>	126	98/40980 A1	09/17/98	WO		
<i>W</i>	127	00/59076 A1	10/05/00	WO		
<i>W</i>	128	00/60701 A1	10/12/00	WO		
<i>W</i>	129	01/43305 A1	06/14/01	WO	X abstract	
<i>W</i>	130	01/82497 A1	11/01/01	WO		
<i>W</i>	131	02/054605 A1	07/11/02	WO		

EXAMINER <i>Van Trien</i>	DATE CONSIDERED 9/24/03
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<i>✓</i>	132	Power Line Communications Conference entitled, "PLC, A New Competitor in Broadband Internet Access," December 11-12, 2001 , Washington, D.C., 60 pages
<i>✓</i>	133	Rivkin, S. R., "Co-Evolution of Electric & Telecommunications Networks," <i>The Electricity Journal</i> , May 1998 , 71-76
<i>✓</i>	134	Marketing Assessment Presentation entitled "Powerline Telecommunications," The Shpigler Group for CITI PLT, July 16, 2002 , 9 pages
<i>✓</i>	135	Campbell, C., presentation entitled "Building a Business Case for PLC: Lessons Learned From the Communication Industry Trenches," KPMG Consulting, July 16, 2002 , 5 pages
<i>✓</i>	136	"Embedded Power Line Carrier Modem," Archnet Electronic Technology, http://www.archnetco.com/english/product/ATL90.htm , 2001 , 3 pages
<i>✓</i>	137	"Archnet: Automatic Meter Reading System Power Line Carrier Communication", www.archnetco.com/english/product/product_sl.htm , 3 pages
<i>✓</i>	138	"Power Line Communications Solutions", www.echelon.com/products/oem/transceivers/powerline/default.htm , 2 pages
<i>✓</i>	139	"Texas Instruments: System Block Diagrams; Power Line Communication (Generic)", http://focus.ti.com/docs/apps/catalog/resources/blockdiagram.jhtml?bdId=638 , 1 page
<i>✓</i>	140	Feduschak, N.A., "Waiting in the Wings: Is Powerline Technology Ready to Compete with Cable?", March 2001 , www.cabletoday.com/ic2/archives/0301/0301powerline.htm , 5 pages
<i>✓</i>	141	"Signalling on Low-Voltage Electrical Installations in the Frequency Band 3kHz to 148.5kHz-Part 4: Filters at the Interface of the Indoor and Outdoor Electricity Network", <i>CLC SC 105A (Secretariat)</i> May 1992 , 62, 1-11
<i>✓</i>	142	"Intellon Corporation Test Summary for Transformerless Coupler Study", <i>Intellon No News Wires</i> , December 24, 1998 , DOT/NHTSA Order No. DTNH22-98-P-07632, pp 1-18
<i>✓</i>	143	EMETCON Automated Distribution System, ABB Power T & D Company, Inc., January 1990 , Raleigh, North Carolina, No B-919A, 14 pages
<i>✓</i>	144	"Dedicated Passive Backbone for Power Line Communications", <i>IBM Technical Disclosure Bulletin</i> , July 1997 , 40(7), 183-185
<i>✓</i>	145	Coaxial Feeder Cables [Engineering Notes]", <i>PYE Telecommunications Limited Publication Ref No. TSP507/1</i> , June 1975 , Cambridge, England, 15 pages

EXAMINER <i>Van Trier</i>	DATE CONSIDERED <i>9/24/03</i>
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<i>u</i>	146	"Centralized Commercial Building Applications with the Lonworks ® PLT-21 Power Line Transceiver", <i>Lonworks Engineering Bulletin</i> , Echelon, April 1997 , pp 1-22
<i>u</i>	147	"Plexeon Logistics, Inc., "Power Line Communications", www.plexeon.com/power.html , 2 pages
<i>u</i>	148	"EMETCON Automated Distribution System: Communications Guide", <i>Westinghouse ABB Power T & D Company Technical Manual 42-6001A</i> , September 1989 , 55 pages
<i>u</i>	149	Abraham, K.C. et al., "A Novel High-Speed PLC Communication Modem", <i>IEEE Transactions on Power Delivery</i> , 1992 , 7(4), 1760-1768
<i>u</i>	150	J.M. Barstow., "A Carrier Telephone System for Rural Service", <i>AIEE Transactions</i> , 1947 , 66, 301-307
<i>u</i>	151	Chang, S.S.L., "Power-Line Carrier", <i>Fundamentals Handbook of Electrical and Computer Engineering</i> , Volume II-Communication, Control, Devices and Systems , John Wiley & Sons, 617-627
<i>u</i>	152	Chen, Y-F. et al. "Baseband Transceiver Design of a 128-Kbps Power-Line Modem for Household Applications", <i>IEEE Transactions on Power Delivery</i> , 2002 , 17(2), 338-344
<i>u</i>	153	Coakley, N.G. et al., "Real-Time Control of a Servosystem Using the Inverter-Fed Power Lines to Communicate Sensor Feedback", <i>IEEE Transactions on Industrial Electronics</i> , 1999 , 46(2), 360-369
<i>u</i>	154	Esmailian, T. et al., "A Discrete Multitone Power Line Communication System", <i>Department of Electrical and Computer Engineering</i> , University of Toronto, Ontario Canada, 2000 IEEE , pp 2953-2956
<i>u</i>	155	Kawamura, A. et al., "Autonomous Decentralized Manufacturing System Using High-speed Network with Inductive Transmission of Data and Power", <i>IEEE</i> , 1996 , 940-945
<i>u</i>	156	Kilbourne, B. "EEI Electric Perspectives: The Final Connection", www.eei.org/ep/editorial/Jul-01/0701conenct.htm , 7 pages
<i>u</i>	157	Kim, W-O., et al., "A Control Network Architecture Based on EIA-709.1 Protocol for Power Line Data Communications", <i>IEEE Transactions on Consumer Electronics</i> , 2002 , 48(3), 650-655
<i>u</i>	158	Lim, C.K. et al., "Development of a Test Bed for High-Speed Power Line Communications", School of Electrical and Electronic Engineering, Nanyang Technological University, Singapore, <i>IEEE</i> , 2000 , 451-456

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	159	Lokken, G. et al., "The Proposed Wisconsin electric Power Company Load Management System Using Power Line Carrier Over Distribution Lines", 1976 <i>National Telecommunications Conference, IEEE, 1976, 2.2-12.2-3</i>
	160	Marthe, E. et al., "Indoor Radiated Emission Associated with Power Line Communication Systems", <i>Swiss Federal Institute of Technology Power Systems Laboratory IEEE, 2001, 517-520</i>
	161	Naredo, J.L. et al., "Design of Power Line Carrier Systems on Multitransposed Delta Transmission Lines", <i>IEEE Transactions on Power Delivery, 1991, 6(3), 952-958</i>
	162	Nichols, K., "Build a Pair of Line-Carrier Modems", <i>CRC Electronics-Radio Electronics, 1988, 87-91</i>
	163	Okazaki, H, et al., "A Transmitting, and Receiving Method for CDMA Communications Over Indoor Electrical Power Lines", <i>IEEE, 1998, pp VI-522-VI-528</i>
	164	B. Don Russell, "Communication Alternatives for Distribution Metering and Load Management", <i>IEEE Transactions on Power Apparatus and Systems, 1980, Vol PAS-99(4), pp 1448-1455</i>
	165	Sado, WN. et al., "Personal Communication on Residential Power Lines- Assessment of Channel Parameters", <i>IEEE, 532-537</i>
	166	International Search Report dated June 24, 2002, from PCT/US02/04310
	167	International Search Report dated August 7, 2002, from PCT/US02/04300

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✓	AB	3,942,170	03/02/76	Whyte	340	310.07
✓	AC	4,012,733	03/15/77	Whyte	340	310.05
✓	AD	4,070,572	01/24/78	Summerhayes	398	209
✓	AE	4,142,178	02/27/79	Whyte et al.	340	310.06
✓	AF	4,433,284	02/21/84	Perkins	340	310.05
✓	AG	4,473,816	09/25/84	Perkins	340	310.05
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EXAMINER

Van Thien

DATE CONSIDERED

9/24/03

Form PTO-1449 ModifiedDocket No.
CRNT-0014Serial No.
09/835,532List of Patent and Publications
Cited by Applicant
(Use several sheets if necessary)Applicant
Paul A. Kline**RECEIVED****JUL 24 2002**U.S. Department of Commerce
Patent and Trademark OfficeFiling Date
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EXAMINER <i>Van Trian</i>				DATE CONSIDERED <i>9/24/03</i>		

